


BULLETIN 755

1974 INSPECTIONS OF

**FERTILIZER
PESTICIDE
AND FEED
PRODUCTS**

J. Gordon Hanna



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1974 Inspections of
Fertilizer, Pesticide and Feed Products

This report contains data obtained by the chemical analysis of officially collected samples of commercial feeds, fertilizers and pesticide formulations. Tables are presented showing the number of samples from each manufacturer (in parenthesis), the number of determinations made for each guaranteed ingredient, the number of deficiencies and the average percent of claims for each component. A table of the tonnage of fertilizers sold during the period between July 1, 1973 and June 30, 1974 is included.

The deficiencies noted for feed samples are based on tolerances of 0.75% for protein and fiber, 0.25% for fat, and 20% of the guarantee for medicants. The investigational allowances for fertilizers are those of the Association of American Plant Food Control Officials, and the permissive guarantee variations suggested by the Association of American Pesticide Control Officials are used for pesticide formulations.

Data for 542 samples of feeds representing 76 manufacturers, 771 samples of fertilizers representing 96 manufacturers and 313 samples of pesticides representing 54 manufacturers are summarized.

The feed statute is administered by the Commissioner of Agriculture. The fertilizer law was administered by the Station Director until July 1, 1974 and since that time by the Commissioner of Agriculture. The pesticide law is under the direction of the Commissioner of Environmental Protection.

Analytical work was by R. Botsford, M. Fuzesi, W. Glowa, H. Kocba, R. Smith, S. Squires and G. Wilmes. Sample collection was by R. Campbell and R. Nichols. The report was assembled and typed by A. Ballou.

J. Gordon Hanna, Chief Chemist

March 1975

Feed Manufacturer	Number of Claims				Number Not Met			Average % of Claims		
	Protein	Fat	Fiber	Total	Protein	Fat	Fiber	Protein	Fat	Fiber
Agway (65)	63	63	63	189	1	0	0	107	148	71
Albers Milling (3)	3	3	3	9	0	0	0	111	124	59
Allen Products (5)	5	5	5	15	0	1	0	120	141	71
Allied Mills (31)	31	31	31	93	0	0	0	109	155	66
Allied Foods (3)	3	3	3	9	0	1	0	112	78	101
Aquarium Supply (2)	2	2	2	6	0	0	0	130	172	57
Armour-Dial (3)	3	3	3	9	0	0	0	112	188	70
Beacon Feeds (4)	4	4	4	12	0	0	0	109	116	76
Best Feeds and Farm Supplies (1)	1	1	1	3	0	0	0	101	161	65
Blue Seal Mill (14)	14	14	14	42	0	0	0	106	132	75
Bumble Bee Seafoods (1)	1	1	1	3	0	0	0	100	109	20
Cadillac Pet Foods (4)	4	4	4	12	0	0	0	104	159	83
Calo Pet Foods (3)	3	3	3	9	0	0	0	106	145	40
Carnation (12)	12	12	12	36	0	0	0	115	166	53
Central Connecticut Co-op Farmers (42)	42	42	42	126	6	5	2	103	114	80
Champion Valley Farms (3)	3	3	3	9	0	0	0	124	162	62
Citrus Products Co. (1)	1	1	1	3	0	0	0	125	270	90
Con Agradne (1)	1	1	1	3	0	0	0	99	117	75
Dawnwood Farms (1)	1	1	1	3	0	0	0	112	112	122
A. Duruch (2)	2	2	2	6	0	0	0	108	164	24
8 in 1 Pet Products (4)	4	4	4	12	0	0	0	119	205	78
John W. Eshelman & Sons (23)	23	23	23	69	0	0	0	110	129	73
First National Stores (8)	8	8	8	24	0	4	0	106	95	79
Foremost Foods (2)	2	2	2	6	0	0	0	108	119	82
R. T. French (1)	1	1	1	3	0	0	0	112	158	30
Geisler Pet Products (2)	2	2	2	6	0	0	0	105	151	52
General Foods (4)	4	4	4	12	0	0	1	111	125	77
Roy Goff Co. (3)	3	3	3	9	1	1	0	98	116	31
Grand Union (9)	9	9	9	27	0	1	0	109	139	78
W. T. Grant (2)	2	2	2	6	0	0	0	127	132	31
Great Atlantic & Pacific Tea (8)	8	8	8	24	0	0	1	111	148	69
Gro-Kote (2)	2	2	2	6	0	0	0	107	215	78
Hartz Mountain (10)	10	10	10	30	1	0	0	112	128	69
E. C. and W. L. Hopkins (15)	15	15	15	45	0	0	0	106	161	67
International Multifoods (1)	1	1	1	3	0	0	0	136	178	89
I. S. Joseph (1)	1	1	1	3	0	0	0	121	420	89
Kal Kan Foods (5)	5	5	5	15	1	0	0	99	125	38
K & L Feed (6)	6	6	6	18	2	3	0	100	93	63
Lipton Pet Foods (3)	3	3	3	9	0	1	0	108	118	51
Liv-A-Snaps (1)	1	1	1	3	0	0	0	118	124	36
Dr. Melody (1)	1	1	1	3	0	0	0	96	130	80
Michigan Sugar (1)	1	1	1	3	0	0	0	129	310	76
Milk Specialties (1)	1	1	1	3	0	0	0	102	150	130
Nabisco Special Products (1)	1	1	1	3	0	0	0	107	132	67
National Pet Foods (8)	8	8	8	24	0	0	0	111	158	57
New England Fish (1)	1	1	1	3	0	0	0	121	173	60
Northeast Fish (1)	1	1	1	3	0	0	0	156	197	40

Feed Manufacturer	Number of Claims				Number Not Met			Average % of Claims		
	Protein	Fat	Fiber	Total	Protein	Fat	Fiber	Protein	Fat	Fiber
Old Mother Hubbard										
Dog Food (3)	3	3	3	9	1	0	0	100	114	56
Orleans Packing Co. (1)	1	1	1	3	0	0	0	112	139	140
Perk Foods (2)	2	2	2	6	0	0	0	108	282	93
Pierce Grain (3)	3	3	3	9	0	0	0	137	173	44
Pillsbury (1)	1	1	1	3	0	0	0	118	150	85
Quaker Oats (8)	8	8	8	24	0	0	0	116	186	64
Ralston Purina (40)	40	40	40	120	0	0	0	109	160	54
Reading Milling (1)	1	1	1	3	0	0	0	123	141	63
Red Rose (15)	14	14	14	42	0	0	0	114	170	69
Riviana Foods (3)	3	3	3	9	0	0	0	102	118	87
Rivollet Foods (3)	3	3	3	9	0	0	0	115	181	47
Rytman Feed (18)	17	17	17	51	5	2	4	99	111	89
Wolf Savitsky & Sons (6)	6	6	6	18	0	0	1	108	122	90
Scuffy Pet Centers (1)	1	1	1	3	0	1	0	130	74	45
Shop Rite Supermarkets (7)	7	7	7	21	1	0	0	107	156	54
Star Kist Foods (8)	8	8	8	24	0	0	0	116	231	45
Stop & Shop (9)	9	9	9	27	1	1	1	110	123	69
Strongheart Products (1)	1	1	1	3	0	0	0	108	259	100
Superbowl Pet Foods (1)	1	1	1	3	0	0	0	104	130	74
Supermarkets General (7)	7	6	6	18	1	0	0	102	127	56
Sweet Life Products (1)	1	1	1	3	0	0	0	101	143	64
Tetra Werke (2)	2	2	2	6	0	0	0	107	167	35
United Co-op Farmers (17)	17	17	17	51	1	0	1	108	142	74
Vo-Toys (1)	1	1	1	3	0	0	0	103	136	76
Wardley Products (3)	3	3	3	9	0	0	0	118	162	69
William S. Warren & Son (1)	1	1	1	3	0	0	0	144	158	77
H. K. Webster (45)	44	44	44	132	3	0	1	107	140	71
Wells Division (1)	1	1	1	3	0	0	0	123	127	56
Wilson Corn Products (1)	1	1	1	3	0	0	0	108	112	50
(535	529	529	529	1587	25	17	12	109	145	68

Number of Claims deficient: 3.4%

Medicated Feed Medicants

Feed Manufacturer	Medicant	Number Of Claims	Number Not Met	Average % Of Claims
Agway (2)	Amprolium	2	0	103
Allied Mills (2)	Amprolium	1	0	83
	Arsanilic acid	1	0	84
	Ethopabate	1	0	96
Central Connecticut Co-op Farmers (2)	Amprolium	2	0	95
	Ethopabate	1	1	56
H. K. Webster (1)	Amprolium	1	1	177
		9	2	

Number of claims deficient, 22
Overall average % of claims, 99

Fertilizer Manufacturer	Number of Claims			Number Not Met		Average % of Claims	
	N	P ₂ O ₅ + K ₂ O	Total	N	P ₂ O ₅ + K ₂ O	N	P ₂ O ₅ + K ₂ O
Agrico Chemical (40)	36	57	93	5	12	103.9	108.8
Agricultural Products (6)	6	12	18	0	0	110.6	109.9
Agway (41)	40	71	111	2	7	106.2	116.2
Alaska Fish Fertilizer (1)	1	2	3	0	0	100.8	112.5
The Anderson's (1)	1	0	1	0	-	101.3	-
Asgrow Mandeville (6)	6	8	14	0	1	110.5	121.1
Atlas Fish Fertilizer (1)	1	1	2	0	0	109.0	106.6
F. A. Bartlett Tree Expert (1)	1	2	3	0	0	115.1	99.1
The Bishop Co. (2)	2	4	6	0	0	104.8	113.8
Boyle Midway (2)	2	4	6	0	0	103.6	104.1
Bristol Nurseries (1)	1	2	3	0	0	111.0	109.6
Brockville Chemical (2)	2	0	2	0	-	100.5	-
Brookside Nurseries (9)	8	7	15	0	0	100.7	105.8
By-Products (1)	1	2	3	0	0	118.0	286.9
Cadwell & Jones (28)	26	28	54	6	2	99.8	120.9
California Liquid Fertilizer (1)	1	2	3	0	0	132.0	103.5
Peter Cascio Nursery (2)	2	4	6	0	0	202.0	101.1
Chamberlin & Barclay (12)	11	17	28	0	2	110.9	122.9
Chevron (17)	16	28	44	0	3	105.3	108.7
Chilean Nitrate Sales (3)	3	1	4	0	0	98.4	102.9
Chilton Nursery Products (9)	9	16	25	0	0	108.6	125.1
Continental Peat (1)	1	2	3	0	0	118.0	110.3
Corenco (30)	29	58	87	3	5	113.7	120.5
Crestline International (2)	2	4	6	0	0	110.8	250.3
Ross Daniels (4)	4	8	12	0	0	114.1	118.8
Downy Hollow Farm (1)	1	2	3	0	1	84.0	88.4
The Dramm Co. (1)	1	2	3	0	0	101.7	101.8
Elanco Products (6)	6	12	18	0	0	103.3	118.2
Espoma (13)	13	22	35	0	2	122.5	105.6
Leon Ezzell (1)	1	2	3	0	0	100.0	101.1
Faesy and Besthoff (10)	9	17	26	0	1	147.4	139.7
Farmingdale Garden Labs (2)	2	4	6	0	0	104.5	113.4
Federal Chemical (5)	5	10	15	1	0	102.4	109.7
Fer-Mel (11)	11	19	30	0	0	104.3	111.3
Free Flow Fertilizer (1)	1	2	3	0	0	104.4	103.8
Garden Exchange of Trumbull (1)	1	2	3	1	0	86.8	101.6
Glen Terrace Nurseries (1)	1	2	3	1	0	86.4	101.4
W. R. Grace (1)	1	2	3	0	0	97.0	109.0
W. T. Grant (12)	12	17	29	1	0	111.2	145.5
Greenlife Products Co. (1)	1	2	3	1	1	55.0	66.0
Green Thumb Products (1)	1	2	3	0	0	105.0	103.3
Halstead Distributing (1)	1	2	3	0	0	128.0	102.8
Charles C. Hart Seed (8)	8	14	22	0	1	112.2	112.4
H Bar M Fertilizer (1)	1	2	3	0	0	137.0	166.5
Hercules (1)	1	0	1	0	-	102.9	-
Heritage House Products (10)	10	16	26	0	1	112.3	114.1
A. H. Hoffman (10)	10	19	29	0	1	131.1	144.0
Hy-Trous (1)	1	2	3	0	0	118.4	141.2
International Minerals and Chemical (1)	0	1	1	-	0	-	683.0
International Spike (1)	1	2	3	0	0	112.8	103.9
Kerr McGee (113)	97	168	255	19	29	106.3	107.8
S. S. Kresge (7)	7	14	21	1	1	127.3	105.5

Fertilizer Manufacturer	Number of Claims			Number Not Met		Average % of Claims	
	N	P ₂ O ₅ + K ₂ O	Total	N	P ₂ O ₅ + K ₂ O	N	P ₂ O ₅ + K ₂ O
Lebanon Chemical (10)	10	20	30	0	2	120.3	110.9
Lewis International (1)	1	2	3	0	0	128.0	162.5
Lexington Gardens (5)	5	10	15	0	3	142.6	116.2
Lofts Pedigreed Seed (2)	2	2	4	0	0	184.9	103.1
Luzerne Fertilizer (5)	5	10	15	1	1	102.2	105.9
3M (2)	2	4	6	0	0	106.8	104.7
McArdle's Seed (1)	1	2	3	0	0	107.2	110.3
Wilson and Geo. Meyer (1)	1	0	0	0	-	101.6	-
Miller Chemical & Fertilizer (1)	1	2	3	0	0	100.0	102.7
Milwaukee Sewerage Commission (3)	3	3	6	0	0	106.2	126.0
Monarch (3)	3	4	7	0	0	110.0	145.1
Nassau Garden (24)	24	35	59	1	6	116.1	109.5
New Plant Life (2)	2	4	6	0	0	128.3	118.4
Old Fox (43)	42	66	108	9	13	101.8	118.5
Organic Compost (5)	5	8	13	0	0	120.0	146.0
Patco Lawn Products (1)	1	2	3	0	0	131.0	118.8
Paygro Mead (1)	1	2	3	0	0	112.0	129.5
Pennsylvania Dutch Fertilizer (4)	4	8	12	0	0	103.1	105.1
Robert B. Peters (3)	3	6	9	0	0	110.2	106.1
Plantabbs (3)	3	6	9	0	0	105.4	103.1
Frank Policastro and Sons (1)	1	2	3	0	0	102.8	108.1
Premier Peat Moss (1)	1	2	3	0	0	200.0	217.5
Professional Turf Products (3)	3	2	5	2	0	104.2	152.5
Ra-Pid-Gro (1)	1	2	3	0	0	103.0	104.6
Relko (2)	2	4	6	0	1	126.5	169.4
Rockland Chemical (1)	1	2	3	0	0	108.3	118.0
Schultz (1)	1	2	3	0	0	122.0	102.1
Science Products (1)	1	2	3	0	0	99.2	101.8
O. M. Scott and Sons (25)	25	40	65	0	2	104.6	109.0
Sears Roebuck (15)	14	26	40	1	0	113.2	118.7
Southern Cotton Oil (1)	1	0	0	0	-	95.7	-
Southland Importers (1)	1	2	3	0	0	142.0	96.0
Spartans Industries (4)	4	8	12	1	0	107.9	120.6
Stern's Nurseries (5)	5	4	9	0	0	102.5	108.0
Sudbury Laboratory (2)	0	2	2	-	0	-	107.7
Swift Chemical (16)	16	25	41	1	0	109.7	117.8
Swiss Farms (3)	3	6	9	0	0	138.0	110.1
Treelands (3)	3	6	9	1	0	101.1	127.1
Universal Chemical (1)	1	2	3	0	0	104.8	101.1
USS-Agri Chemicals (14)	14	18	32	2	4	94.6	101.6
Warren's Turf Nursery (2)	2	4	6	0	0	99.6	125.7
Walker-Garden Laboratory (1)	1	0	1	0	-	118.0	-
Western Auto Supply (2)	2	4	6	0	0	105.4	98.1

Secondary and Minor Elements

Manufacturer	Element Claimed	Number Of Claims	Number Not Met	Average % Of Claims
Agrico (11)	Calcium	1	0	130
	Iron	8	0	154
	Magnesium	4	0	190
	Sulfur	5	2	98
Agway (16)	Boron	10	0	155
	Iron	5	0	912
	Magnesium	4	0	169
	Zinc	3	0	110
The Bishop Co. (3)	Calcium	1	0	100
	Iron	2	0	237
	Magnesium	1	0	168
	Sulfur	1	0	590
Boyle Midway (1)	Boron	1	1	9
	Iron	1	0	180
Chamberlin & Barclay (2)	Magnesium	2	0	202
Chevron (12)	Boron	1	0	150
	Calcium	5	1	268
	Copper	1	0	100
	Iron	10	2	266
	Magnesium	5	0	223
	Manganese	5	0	172
	Sulfur	7	2	93
	Zinc	7	1	99
Chilean Nitrate Sales (3)	Sodium	3	0	103
Corenco (2)	Magnesium	2	0	269
Crestline International (1)	Iron	1	0	240
Ross Daniels (1)	Iron	1	0	100
Encap Products (1)	Iron	1	0	126
Faesy & Besthoff (4)	Iron	4	0	206
Heritage House Products (5)	Boron	2	0	162
	Copper	2	0	254
	Iron	5	0	305
	Manganese	2	0	163
	Zinc	2	0	164
A. H. Hoffman (4)	Boron	1	0	130
	Copper	1	0	120
	Iron	4	0	141
	Magnesium	1	1	23
	Manganese	1	0	182
	Zinc	1	0	138
Kerr-McGee (2)	Aluminum	1	0	110
	Magnesium	1	0	108
S. S. Kresge (2)	Iron	2	0	145
Lebanon Chemical (3)	Iron	2	0	1242
	Magnesium	1	0	266

Manufacturer	Element Claimed	Number Of Claims	Number Not Met	Average % Of Claims
Miller Chemical and Fertilizer (1)	Boron	1	1	24
	Copper	1	0	125
	Iron	1	0	394
	Magnesium	1	0	112
	Manganese	1	0	107
	Zinc	1	0	125
Nassau Garden (8)	Boron	2	0	170
	Calcium	1	0	108
	Copper	2	0	99
	Iron	7	0	1103
	Manganese	2	0	160
	Zinc	2	0	162
Old Fox (5)	Magnesium	5	0	169
Professional Turf Products (1)	Iron	1	1	60
O. M. Scott & Sons Co. (2)	Boron	2	0	117
	Calcium	1	0	210
	Copper	2	0	119
	Iron	2	0	265
	Magnesium	1	0	510
	Manganese	2	0	170
	Sulfur	2	0	128
	Zinc	2	0	136
Sears Roebuck (2)	Boron	2	0	100
	Copper	2	0	92
	Iron	2	0	268
	Manganese	2	0	135
	Zinc	2	1	93
Sewerage Commission, Milwaukee 3	Iron	3	2	92
	Sulfur	2	1	160
	Zinc	2	0	150
Swift Chemical (2)	Iron	2	0	159
US Borax (1)	Boron	1	0	109
USS Agri-Chemicals (1)	Boron	1	0	550
	Manganese	1	0	144
	Zinc	1	0	112
Western Auto Supply (1)	Iron	1	0	332

Tonnages of Fertilizer Materials and Mixed
Fertilizers Purchased During the Period of
July 1, 1973 - June 30, 1974

Mixed Fertilizer Distribution
July 1, 1973 - June 30, 1974

Chemical Nitrogen

Ammonia anhydros	62
Ammonium nitrate	247
Ammonium sulfate	18
Calcium nitrate	289
Nitrate of soda	109
Urea	3,160
Urea-form	15
	<hr/>
	3,900

Organics

Castor pomace	108
Cottonseed Meal	321
Dried manures	5,490
Sewage sludge	800
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	6,719

Phosphates

Bonemeal	58
Diammonium phosphate	1,563
Dicalcium phosphate	403
Hoof and horn meal	14
Superphosphate, 20%	583
Superphosphate, 46%	721
	<hr/>
	3,342

Potash

Muriate of potash	3,743
Sulfate of potash	50
Sulfate of potash-magnesia	49
Potassium nitrate	3
	<hr/>
	3,845

Secondary and Micronutrients

Boron	3
Magnesium	1
Iron	1
	<hr/>
	5

Mixed Fertilizers

Commercial mixtures	46,647
Special mixes for tobacco	5,837
	<hr/>
	52,484

Total 70,295

<u>Grade</u>	<u>Tons</u>
0-15-30	276
0-20-20	68
4-6-2	119
5-10-5	1,449
5-10-10	4,640
6-9-5	25
10-6-4	2,616
10-10-10	8,359
10-15-15	72
10-20-10	464
10-20-20	940
12-4-8	80
15-10-10	3,260
15-15-15	624
16-8-8	59
20-10-5	230
20-10-10	349
23-7-7	2,449
24-12-18	60
25-5-10	233
Miscellaneous*	<hr/>
	20,275
Total	<hr/>
	46,647

*Small amounts, or reported
by fewer than three manufacturers

<u>Manufacturer</u>	<u>Pesticide</u>	<u>Number Of Claims</u>	<u>Number Not Met</u>	<u>Average % Of Claims</u>
Acme Insecticide Division Sherwin Williams Co. (7)	Arsenic	1	0	99
	Chlordane	1	0	102
	Dacthal	1	0	102
	Folpet	1	0	101
	Kelthane	1	0	102
	Malathion	1	0	99
	Sevin	1	0	104
	Zineb	1	0	99
Agrico Chemical Co. (5)	Dacthal	2	1	88
	Dursban	1	0	96
	Siduron	1	1	61
	Thiram	1	0	98
Agricultural Products Co. (7)	Captan	2	0	100
	Chlordane	2	0	100
	Folpet	1	0	102
	Malathion	3	0	99
	Methoxychlor	1	0	98
	Rotenone	1	0	104
	Sevin	3	0	103
	Sulfur	1	0	104
	Zineb	1	0	105
Agway, Inc. (19)	Captan	2	0	99
	Chlordane	2	0	108
	Dacthal	2	0	102
	Dieldrin	1	0	99
	Dipterex	1	0	106
	Dursban	2	0	99
	Folpet	1	0	104
	Kelthane	1	0	105
	Malathion	4	0	101
	Methoxychlor	2	0	98
	Pival	1	0	92
	Rotenone	1	0	106
	Sevin	3	0	100
	Siduron	1	0	103
	Silvex + 2, 4-D	1	0	100
Amchem Products, Inc. (5)	Amitrol	2	0	112
	2,4-D + Dicamba	2	0	110
	2,4-D + Silvex	1	1	52
Animal Repellents, Inc.(1)	Thiram	1	0	101
Asgrow-Mandeville Co. (3)	Dyrene	1	0	110
	Siduron	2	1	88
The Bishop Co. (3)	2,4D + Silvex	1	0	99
	Dursban	2	1	93
Black Leaf Products Co. (13)	Captan	1	0	98
	Chlordane	2	0	101
	2,4-D	1	0	148
	Diazionon	1	0	103
	Folpet	1	0	99
	Kelthane	2	0	100
	Malathion	4	1	95
	Maneb	2	0	98
	Methoxychlor	2	0	99
	Sevin	4	0	100
	Sodium Chlorate	1	0	97

<u>Manufacturer</u>	<u>Pesticide</u>	<u>Number Of Claims</u>	<u>Number Not Met</u>	<u>Average % Of Claims</u>
Bonide Chemical Co. (24)	Benomyl	2	0	100
	Captan	4	1	97
	Chlordane	2	0	106
	Copper	2	0	104
	Diazinon	1	0	108
	Di-Syston	1	0	101
	Folpet	2	0	100
	Kelthane	2	0	104
	Lindane	1	0	100
	Malathion	4	0	101
	Maneb	1	0	102
	Methoxychlor	5	0	99
	Rotenone	4	0	117
	Sevin	5	1	97
	Sulfur	1	0	104
	Thiram	1	0	99
	Zectran	1	0	103
Boyle-Midway, Inc. (5)	Allethrin	1	0	117
	Captan	2	0	99
	Eptam	1	0	105
	Kepone	1	0	98
	Malathion	2	0	104
	Methoxychlor	2	0	97
	Sulfur	2	0	99
Burgess Vibrocrafter (1)	Lethane	1	0	100
	Malathion	1	0	96
Chevron Chemical Co. (26)	Captan	3	0	101
	Chlordane	3	0	103
	Copper	2	0	87
	Diazinon	2	0	99
	Di-Syston	1	0	98
	2,4D + Silvex	2	0	100
	Dyrene	1	0	102
	Folpet	2	0	101
	Kelthane	2	0	99
	Malathion	3	0	101
	Meta-Systox R	1	0	100
	Methoxychlor	2	0	100
	Pramitol	2	0	108
	Pyrethrins	1	0	113
	Rotenone	2	0	113
	Sevin	4	0	100
	Siduron	1	0	99
	Silvex	1	0	100
Ciba-Geigy Corp. (2)	Diazinon	2	0	102
Continental Peat Co. (1)	Dacthal	1	0	91
Corenco Corp. (2)	Diazinon	1	1	38
	2,4D + Silvex	1	0	98
Ross Daniels, Inc. (2)	Chlordane	1	0	103
	Di-Syston	1	0	98
The de-Con Co. (2)	2,4D Perthane	1	0	106
The de-Con Co. (2)		1	0	98
Diamond Shamrock Corp. (1)	Daconil	1	0	101
E. I. duPont deNemours & Co. (1)	Methoxychlor	1	0	98

<u>Manufacturer</u>	<u>Pesticide</u>	<u>Number Of Claims</u>	<u>Number Not Met</u>	<u>Average % Of Claims</u>
Elanco Products Co. (4)	Balan	1	0	99
	Malathion	1	0	100
	Methoxychlor	1	0	98
	Treflan	1	0	101
Encap Products Co. (3)	Captan	1	0	98
	Folpet	1	0	110
	Kelthane	1	0	100
	Malathion	3	3	56
	Sevin	3	0	100
Faesy & Besthoff, Inc. (4)	Chlordane	1	0	102
	Dyrene	1	1	48
	Eptam	1	0	102
	Maneb	1	1	39
	Sevin	1	0	102
Farmingdale Garden Labs. (10)	Chlordane	1	0	100
	Copper	1	0	99
	2, 4D	1	0	107
	Folpet	1	0	99
	Kelthane	2	0	93
	Lindane	1	0	100
	Malathion	3	0	101
	Maneb	1	0	98
	Methoxychlor	1	0	99
	Rotenone	1	0	100
	Sevin	4	0	101
	Sulfur	1	0	105
Glen Terrace Nurseries (3)	Captan	1	0	100
	Copper	1	0	105
	Kelthane	1	0	100
	Malathion	2	1	78
	Methoxychlor	2	0	101
	Rotenone	1	0	108
	Sevin	1	0	100
	Sulfur	1	0	102
W. T. Grant Co. (8)	Captan	1	1	81
	Chlordane	1	0	102
	2,4D	1	0	159
	Folpet	1	0	99
	Kelthane	2	0	108
	Malathion	3	1	79
	Maneb	1	0	97
	Methoxychlor	2	0	99
	Sevin	3	0	100
The Chas. C. Hart Seed Co. (3)	2,4D	1	0	98
	2,4D + Silvex	1	0	119
	Siduron	1	0	102
Heritage House Products (6)	Aspon	1	0	100
	Chlordane	1	0	113
	Daconil	1	0	111
	Dacthal	2	0	105
	DDT	1	0	102
	Sevin	1	0	104
A. H. Hoffman, Inc. (1)	Trifluralin	1	0	98

<u>Manufacturer</u>	<u>Pesticide</u>	<u>Number Of Claims</u>	<u>Number Not Met</u>	<u>Average % Of Claims</u>
S. C. Johnson & Son, Inc. (3)	Allethrin	1	0	114
	Perthane	1	0	100
	Pyrethrins	1	0	99
Kerr-McGee Chemical Corp. (3)	Chlordane	1	0	95
	Diazinon	1	0	98
	Siduron	1	0	96
S. S. Kresge Co. (9)	Captan	1	0	99
	Chlordane	2	0	99
	Folpet	1	0	102
	Kelthane	2	0	95
	Malathion	3	1	75
	Maneb	1	0	107
	Methoxychlor	2	0	97
	Sevin	4	0	101
Lebanon Chemical Corp. (1)	Siduron	1	0	96
Loft's Pedigreed Seed, Inc. (1)	2,4D + Silvex	1	0	105
Miller Chemical & Fertilizer Co. (1)	Siduron	1	0	91
Nassau Garden, Inc. (7)	Aspon	1	0	101
	Balan	1	0	99
	Cadmium	1	0	107
	Dacthal	1	0	93
	2,4D + Silvex	2	0	105
	Siduron	1	0	104
	Thiram	1	0	96
Nott Manufacturing Co. (3)	Kelthane	1	0	97
	2,4,5 T	1	0	107
	Thiram	1	0	100
Old Fox Chemical, Inc. (1)	Siduron	1	0	99
The Parrott Chemical Co. (7)	Captan	2	0	98
	Chlordane	1	1	89
	Copper	1	0	114
	Dichlone	1	0	100
	Malathion	2	0	103
	Methoxychlor	2	0	100
	Rotenone	2	0	98
	Sevin	2	0	111
	Sulfur	1	0	104
B. G. Pratt Division (20)	Captan	1	1	81
	Chlordane	2	0	101
	Copper	2	0	105
	Cygon	1	0	100
	Di-Syston	1	0	66
	Dursban	1	0	109
	Folpet	1	0	99
	Kelthane	3	0	102
	Lindane	1	0	100
	Malathion	4	2	75
	Maneb	3	0	99
	Methoxychlor	3	0	100
	Pyrethrins	1	0	110
	Rotenone	4	0	106
	Sevin	3	0	104
	Sulfur	2	0	102
	Zectran	1	0	99

<u>Manufacturer</u>	<u>Pesticide</u>	<u>Number Of Claims</u>	<u>Number Not Met</u>	<u>Average % Of Claims</u>
Ralston Purina Co. (7)	Cygon	1	0	102
	DDVP	1	0	94
	Diazinon	1	0	99
	Lindane	1	0	100
	Malathion	2	0	97
	Methoxychlor	1	0	106
	Sevin	2	0	104
	Sulfur	1	0	105
	Zineb	1	0	103
Rockland Chemical Co. (2)	Chlordane	1	1	76
	Dyrene	1	0	100
Science Products Co. (13)	Captan	2	1	89
	Di-Syston	1	0	101
	Dursban	1	0	101
	Folpet	1	0	101
	Kelthane	2	0	101
	Malathion	4	0	102
	Maneb	1	0	99
	Methoxychlor	5	0	100
	Sevin	3	0	106
	Thiram	1	0	100
O. M. Scott & Sons Co. (7)	Arsenic	1	0	93
	Diazinon	1	0	98
	2,4D + Silvex	1	1	73
	Pentachloronitrobenzene	2	0	100
	Sevin	1	0	103
	Siduron	1	0	94
Seacoast Laboratories, Inc.(17)	Cadmium	1	0	116
	Captan	1	0	100
	Chlordane	1	0	100
	Diazinon	1	0	99
	Dursban	1	0	102
	Folpet	1	0	102
	Malathion	4	0	99
	Methoxychlor	1	0	98
	Rotenone	1	0	120
	Sevin	3	0	102
	Siduron	1	0	95
	Thiram	1	1	77
Sears Roebuck & Co. (14)	Azak	1	0	95
	Captan	2	0	102
	Chlordane	2	0	105
	2,4D	1	0	86
	Dacthal	1	0	97
	Disodium methanearsonate	1	0	96
	Dylox	1	0	102
	Folpet	1	0	101
	Karathane	2	0	103
	Kelthane	1	0	100
	Lindane	1	0	98
	Malathion	2	1	91
	Maneb	1	0	97
	Methoxychlor	3	0	104
	Rotenone	1	0	119
	Sevin	2	0	101
	Zineb	1	0	102

<u>Manufacturer</u>	<u>Pesticide</u>	<u>Number Of Claims</u>	<u>Number Not Met</u>	<u>Average % Of Claims</u>
Shell Chemical Co. (1)	DDVP	1	0	99
Spartans Industries, Inc. (4)	Captan	1	0	99
	2,4D	1	0	87
	Malathion	1	0	106
	Methoxychlor	1	0	103
	Sevin	2	0	101
	Sulfur	2	0	103
Starbar, A Zaecon-Thuron Co. (1)	DDVP	1	0	102
Swift Chemical Co. (9)	Captan	1	0	97
	2,4D	1	0	121
	Diazinon	1	0	103
	Malathion	2	0	107
	Maneb	1	0	100
	Methoxychlor	1	0	103
	Pyrethrins	1	0	100
	Rotenone	2	0	101
	Sevin	3	0	101
	Sulfur	2	0	103
	Zineb	2	0	101
Tuco, Division of Upjohn Co. (1)	Thiram	1	0	101
USS Agri-Chemicals Div. (2)	Balan	1	0	101
	Siduron	1	0	97
F. W. Woolworth Co. (7)	Captan	1	0	97
	Chlordane	1	0	96
	2,4D	1	0	96
	2,4D + Dicamba	1	0	108
	Folpet	1	0	105
	Kelthane	2	0	98
	Malathion	3	1	84
	Methoxychlor	2	0	98
	Sevin	1	0	107



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